

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102519\
 Data File : VW013748.D
 Acq On : 25 Oct 2019 15:14
 Operator : SY/VA
 Sample : K5549-04
 Misc : 4.62G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQ57

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.355	68	74	86	rVB	112371	202216	14.16%	2.141%
2	2.495	93	97	105	rBV	15440	34260	2.40%	0.363%
3	2.891	154	162	174	rVB	74031	173530	12.15%	1.837%
4	3.251	219	221	223	rBV	376	267	0.02%	0.003%
5	3.385	239	243	244	rBV2	1692	1731	0.12%	0.018%
6	3.446	251	253	254	rVB	440	242	0.02%	0.003%
7	3.507	262	263	266	rBV2	361	287	0.02%	0.003%
8	3.568	271	273	274	rBV	399	316	0.02%	0.003%
9	3.580	274	275	276	rBV2	539	278	0.02%	0.003%
10	3.635	282	284	288	rVB3	742	656	0.05%	0.007%
11	3.903	326	328	330	rVB2	506	363	0.03%	0.004%
12	4.019	332	347	359	rBV	167275	519779	36.39%	5.503%
13	4.678	448	455	463	rBV2	2089	6285	0.44%	0.067%
14	4.909	483	493	495	rBV4	5022	10178	0.71%	0.108%
15	5.178	535	537	538	rBV	418	324	0.02%	0.003%
16	5.409	573	575	579	rVB2	219	267	0.02%	0.003%
17	5.440	579	580	583	rBV3	382	296	0.02%	0.003%
18	5.513	590	592	594	rVV2	278	274	0.02%	0.003%
19	5.568	598	601	604	rBV2	278	359	0.03%	0.004%
20	5.763	630	633	634	rBV2	869	888	0.06%	0.009%
21	5.940	655	662	663	rBV3	1363	2682	0.19%	0.028%
22	6.104	684	689	690	rBV3	539	633	0.04%	0.007%
23	6.257	710	714	715	rVV	490	533	0.04%	0.006%
24	6.513	754	756	759	rBV2	351	421	0.03%	0.004%
25	6.592	766	769	773	rBV2	345	577	0.04%	0.006%
26	6.671	780	782	785	rVB	332	278	0.02%	0.003%
27	6.897	813	819	827	rBV6	2267	5371	0.38%	0.057%
28	6.976	830	832	834	rVB2	459	345	0.02%	0.004%
29	7.080	840	849	864	rBV	53002	164507	11.52%	1.742%
30	7.250	870	877	890	rVB	68686	173182	12.12%	1.834%
31	7.452	907	910	912	rVB2	487	435	0.03%	0.005%
32	7.531	921	923	926	rVB2	452	401	0.03%	0.004%
33	7.573	928	930	932	rVV2	400	263	0.02%	0.003%
34	7.647	932	942	954	rVV	230879	562229	39.36%	5.953%

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35	7.884	980	981	985	rBV2	342	370	0.03%	0.004%
36	7.939	988	990	991	rBV	875	631	0.04%	0.007%
37	8.073	1010	1012	1015	rBV	253	325	0.02%	0.003%
38	8.275	1033	1045	1063	rBV2	486203	1428307	100.00%	15.122%
39	8.482	1076	1079	1083	rBV2	649	1179	0.08%	0.012%
40	8.549	1085	1090	1099	rVV4	3544	8687	0.61%	0.092%
41	8.616	1099	1101	1102	rVV	685	472	0.03%	0.005%
42	8.634	1102	1104	1107	rVV3	420	520	0.04%	0.006%
43	8.707	1109	1116	1123	rVB7	3205	7470	0.52%	0.079%
44	8.842	1129	1138	1151	rVV	401263	786163	55.04%	8.323%
45	8.988	1160	1162	1164	rVB2	441	364	0.03%	0.004%
46	9.055	1167	1173	1174	rBV4	1460	2691	0.19%	0.028%
47	9.274	1200	1209	1219	rBV	321947	646183	45.24%	6.841%
48	9.415	1226	1232	1239	rVB4	2807	5710	0.40%	0.060%
49	9.658	1266	1272	1274	rBV4	966	1626	0.11%	0.017%
50	9.738	1284	1285	1289	rVV2	382	497	0.03%	0.005%
51	9.872	1306	1307	1309	rBV2	335	361	0.03%	0.004%
52	10.030	1325	1333	1345	rBV	167902	312508	21.88%	3.309%
53	10.207	1359	1362	1365	rBV4	487	652	0.05%	0.007%
54	10.323	1373	1381	1388	rBV	665138	1155075	80.87%	12.229%
55	10.384	1388	1391	1400	rVB	26113	46095	3.23%	0.488%
56	10.451	1400	1402	1405	rVB	589	410	0.03%	0.004%
57	10.506	1405	1411	1416	rBV5	1916	3272	0.23%	0.035%
58	10.579	1416	1423	1430	rBV	110510	194274	13.60%	2.057%
59	10.707	1437	1444	1450	rVB2	22808	41174	2.88%	0.436%
60	10.859	1464	1469	1473	rBV6	4569	8197	0.57%	0.087%
61	10.920	1473	1479	1486	rBV	200990	344582	24.13%	3.648%
62	11.073	1499	1504	1510	rVB4	9041	15220	1.07%	0.161%
63	11.231	1528	1530	1533	rVB2	494	484	0.03%	0.005%
64	11.359	1549	1551	1554	rBV	230	315	0.02%	0.003%
65	11.518	1573	1577	1580	rBV4	434	766	0.05%	0.008%
66	11.561	1580	1584	1586	rBV3	727	1046	0.07%	0.011%
67	11.628	1588	1595	1603	rVV	489094	842203	58.97%	8.917%
68	11.841	1624	1630	1639	rBV7	4746	10829	0.76%	0.115%
69	12.097	1669	1672	1674	rVB4	675	659	0.05%	0.007%
70	12.237	1688	1695	1706	rVB	63980	102337	7.16%	1.083%
71	12.335	1707	1711	1716	rVV6	3982	6357	0.45%	0.067%

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72	12.475	1728	1734	1737	rVB3	774	1090	0.08%	0.012%
73	12.609	1749	1756	1763	rBV	46559	73210	5.13%	0.775%
74	12.688	1763	1769	1777	rVV	246611	406765	28.48%	4.307%
75	12.768	1779	1782	1786	rBV4	642	832	0.06%	0.009%
76	12.865	1794	1798	1802	rBV2	682	1074	0.08%	0.011%
77	12.902	1802	1804	1805	rBV2	615	497	0.03%	0.005%
78	12.932	1805	1809	1813	rBV2	3255	4753	0.33%	0.050%
79	13.048	1826	1828	1831	rBV2	825	958	0.07%	0.010%
80	13.164	1845	1847	1848	rBV	644	434	0.03%	0.005%
81	13.231	1857	1858	1859	rBV	756	519	0.04%	0.005%
82	13.249	1859	1861	1862	rBV2	1668	1219	0.09%	0.013%
83	13.402	1880	1886	1891	rVB6	3096	5660	0.40%	0.060%
84	13.560	1905	1912	1919	rBV	344792	572533	40.08%	6.062%
85	13.646	1922	1926	1935	rVB	10231	16548	1.16%	0.175%
86	13.767	1945	1946	1948	rVB2	587	266	0.02%	0.003%
87	13.792	1948	1950	1951	rVB	699	372	0.03%	0.004%
88	13.853	1953	1960	1969	rVB	299001	492283	34.47%	5.212%
89	13.920	1969	1971	1973	rBV2	548	479	0.03%	0.005%
90	14.011	1985	1986	1988	rBV2	798	568	0.04%	0.006%
91	14.072	1991	1996	2001	rVB2	8917	13197	0.92%	0.140%
92	14.237	2022	2023	2024	rBV	506	303	0.02%	0.003%
93	14.328	2033	2038	2044	rVV6	2333	4019	0.28%	0.043%
94	14.523	2067	2070	2074	rVB5	927	1147	0.08%	0.012%
95	14.633	2082	2088	2089	rBV2	492	865	0.06%	0.009%
96	15.066	2157	2159	2163	rVB4	751	595	0.04%	0.006%
97	15.121	2167	2168	2169	rVB	769	281	0.02%	0.003%
98	15.151	2171	2173	2174	rVV2	842	359	0.03%	0.004%
99	15.694	2260	2262	2266	rBV4	876	1112	0.08%	0.012%
100	15.767	2273	2274	2277	rBV3	829	610	0.04%	0.006%

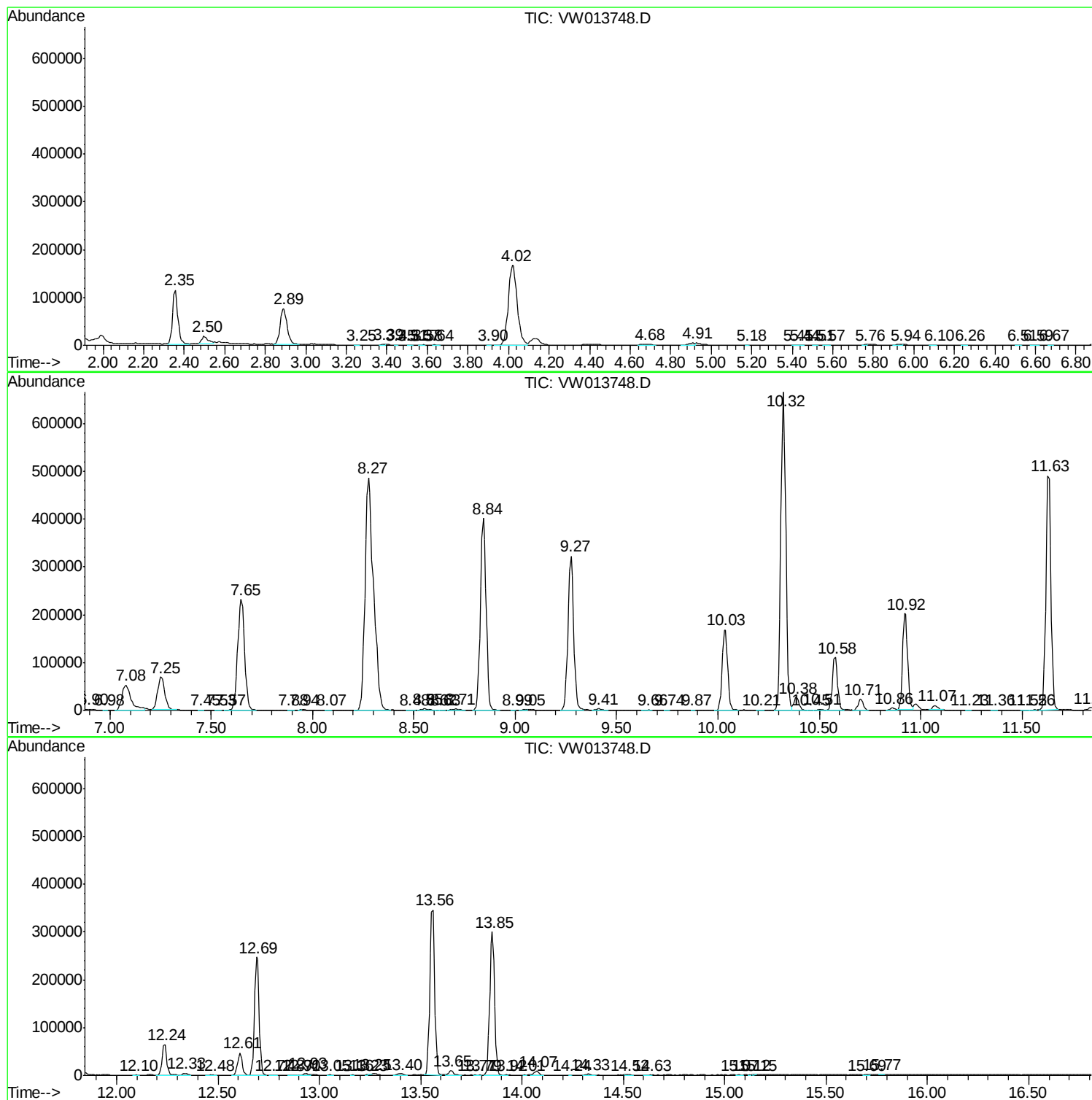
Sum of corrected areas: 9445212

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TIC Library : C:\DATABASE\NIST11.L
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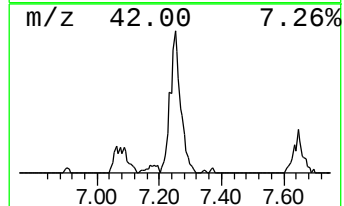
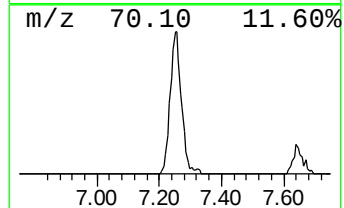
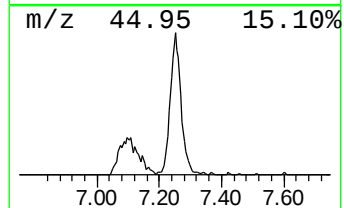
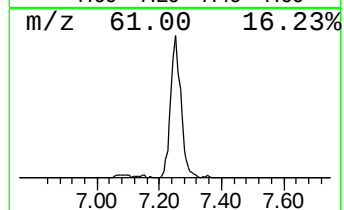
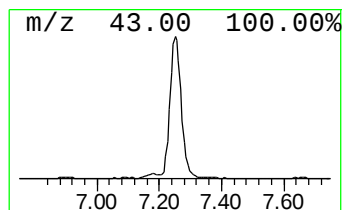
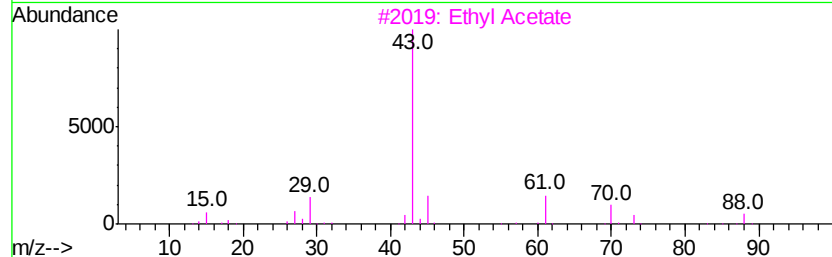
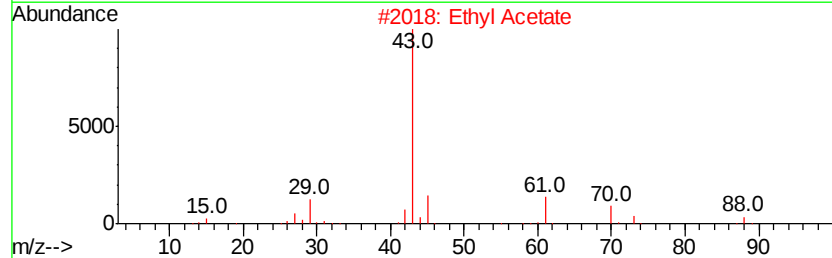
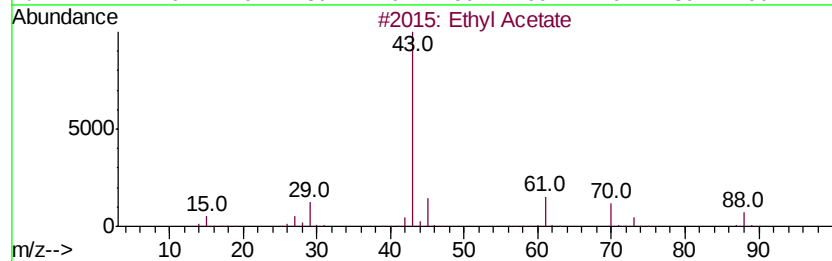
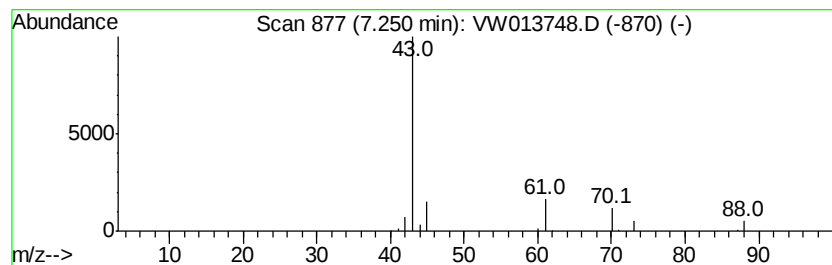
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Ethyl Acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	5.51 ug/L	173182	1,4-Difluorobenzene	8.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethyl Acetate	88	C4H8O2	000141-78-6	90
2			Ethyl Acetate	88	C4H8O2	000141-78-6	90
3			Ethyl Acetate	88	C4H8O2	000141-78-6	90
4			Ethyl Acetate	88	C4H8O2	000141-78-6	90
5			CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	9



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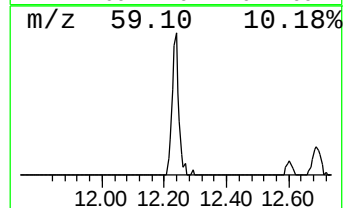
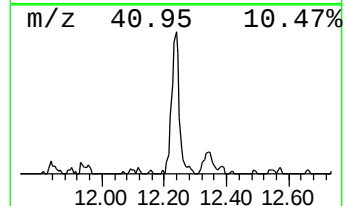
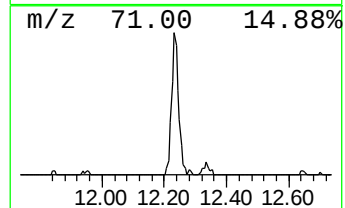
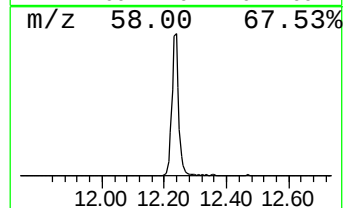
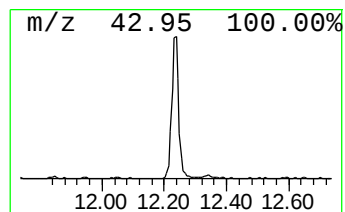
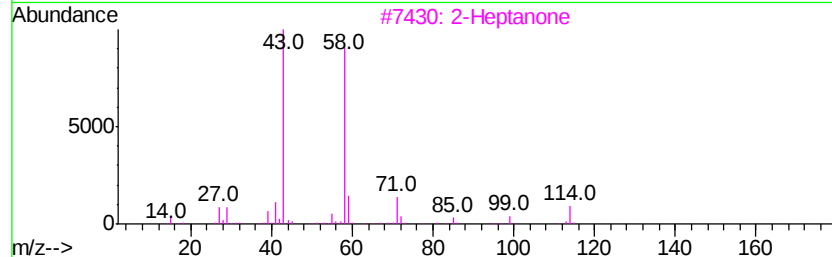
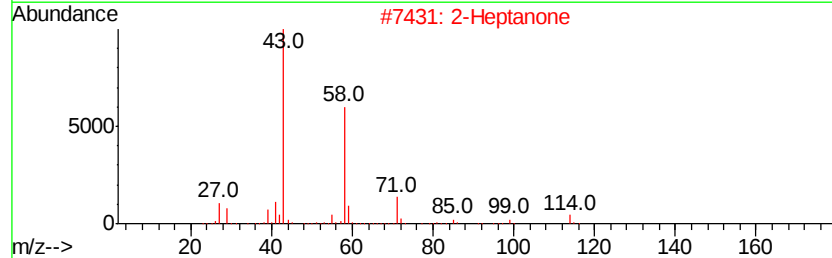
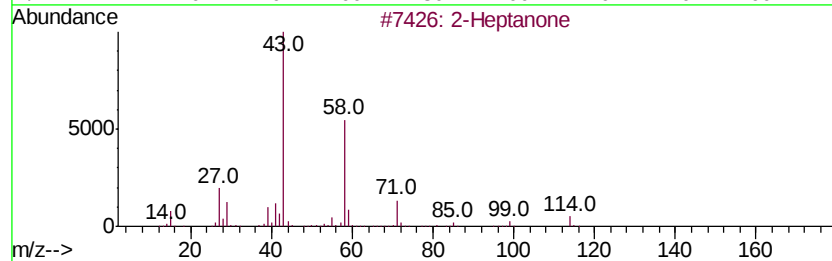
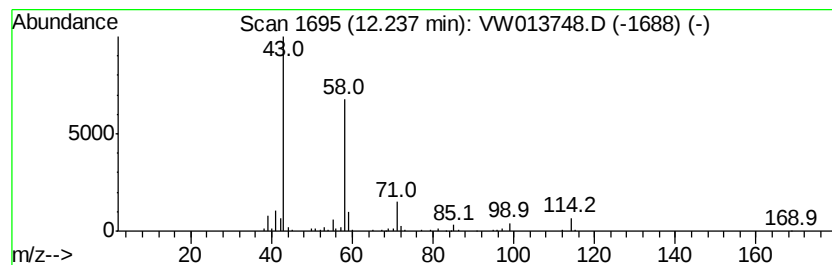
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Heptanone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	3.04 ug/L	102337	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Heptanone	114	C7H14O	000110-43-0	91
2		2-Heptanone	114	C7H14O	000110-43-0	91
3		2-Heptanone	114	C7H14O	000110-43-0	91
4		2-Heptanone	114	C7H14O	000110-43-0	91
5		2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	78



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethyl Acetate	7.25	5.5	ug/L	173182	1	8.84	786163	25.0
2-Heptanone	12.24	3.0	ug/L	102337	2	11.63	842203	25.0